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(54) **METHOD AND SYSTEM FOR PROCESSING SOFTWARE DEPENDENCIES IN MANAGEMENT OF SOFTWARE PACKAGES**

(75) Inventors: **Jonathan A. Forbes**, Bellevue, WA (US); **Jeremy D. Stone**, Bellevue, WA (US); **Srivatsan Parthasarathy**, Issaquah, WA (US); **Michael J. Toutonghi**, Seattle, WA (US); **Michael V. Sliger**, Issaquah, WA (US)

(73) Assignee: **Microsoft Corporation**, Redmond, WA (US)

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Primary Examiner—Wei Zhen
Assistant Examiner—Satish S. Rampuria
(74) *Attorney, Agent, or Firm*—Klarquist Sparkman, LLP

(57)　　　　　　　**ABSTRACT**

A software package manager uses a distribution unit containing components for a software package and a manifest file that describes the distribution unit to manage the installation, execution, and uninstallation of software packages on a computer. Information in the manifest file pertaining to a software package is stored in a code store data structure upon installation of the package. The manifest file also contains information that permits the software package manager to resolve any software dependencies upon installation. The software package manager uses the code store data structure to locate the required components when the software is executed and to remove the components appropriately when the software is uninstalled.

21 Claims, 8 Drawing Sheets